AELAS
Readiness Plan

Presented to:

Arizona Ready Education Council

January 24, 2013

Mark T. Masterson

Chief Information Officer

ADE and Arizona Education Learning and Accountability System (AELAS)

Where are we today?

What do we need to do?

How are we going to do it?

Arizona's Education Reform Commitments

- Performance Management § 15-203(A)(38)
- Arizona Common Core
- Arizona Ready goals
- PARCC Assessment
- ARRA/SFSF
- DQC 10 Data Elements

AELAS provides data needed to meet these reforms

Why Funding AELAS is Needed?

❑ Provide **web-based access** to longitudinal data
❑ **Real-time**, educational information
❑ Provide education stakeholders with **tools**
❑ Capability to make **data-driven decisions**
❑ **High-quality** data that can be trusted
❑ **Secure** systems
❑ Pre-K, K-12 and post-secondary **data integration**
❑ Meet the **remaining 6** Data Quality Campaign elements

AELAS = Statewide Longitudinal Data Systems (SLDS)
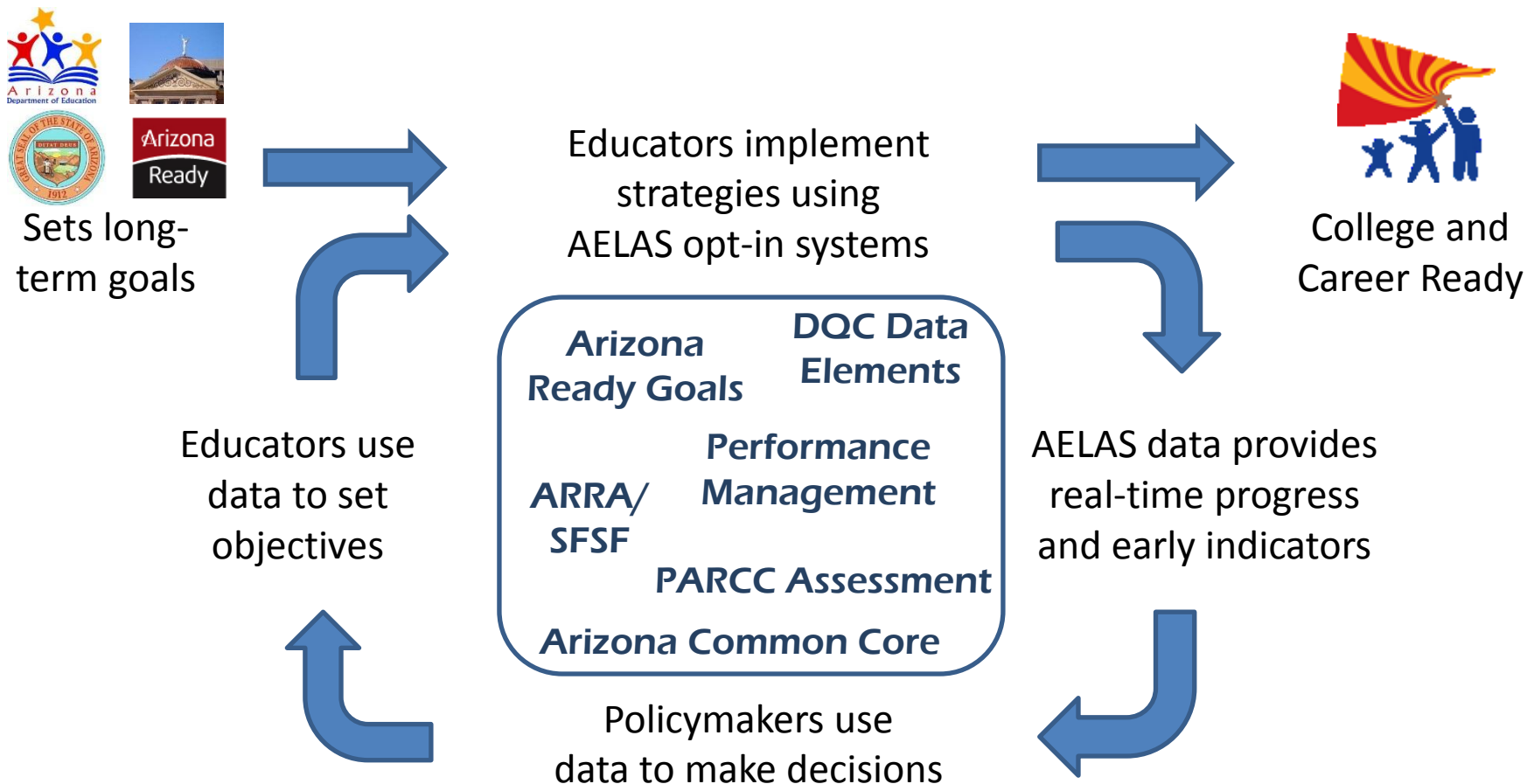
Real-life example: Transfers

- School records **do not** transfer immediately

- Records may take **days or weeks** to transfer (if at all)

- Administrators lack **information** on the child's needs and teachers lack the **tools** to best teach him/her

- ADE's delayed transfer causes the child to **fall behind**

- District has to reevaluate the child, wasting **time and resources**

❌ The lack of real-time data can put children further behind every time they change schools.

✔ With AELAS, valuable instructional time is maximized.

Arizona Department of Education

AELAS: Data-Driven Decisions

Sets long-term goals

Educators implement strategies using AELAS opt-in systems

College and Career Ready

Educators use data to set objectives

Arizona Ready Goals

DQC Data Elements

ARRA/ SFSF

Performance Management

PARCC Assessment

Arizona Common Core

AELAS data provides real-time progress and early indicators

Policymakers use data to make decisions

AELAS empowers educational stakeholders to make data-driven decisions, and provides the tools to implement and measure those decisions.

ADE is Ready

Motivated ADE

- SAIS uptime at 99% from 50%

- LEA enrollment reports updated twice a week instead of every other month

- Grant payment timeliness now at 10 days instead of 40

- Year-long research and requirements gathering across Arizona, reaching LEAs covering 56% of students

LEA Confidence in ADE

- **"The first time in my thirteen years as an educator that anybody at the ADE ever asked about my needs."**
- Partnership with MCESA to deploy opt-in systems for REIL grant
- Vail SD piloting SLDS and new access system

Third Party Recognition of ADE Efforts

- Gartner Research letter of support of feasibility/viability of approach
- AZ Ready IT Work Group testimonials
- Michael and Susan Dell Foundation supporting ADE projects

Arizona
Department of Education

Implementation Timeline

Development   Available

	FY13	FY14	FY15	FY16	FY17	FY18
Opt In Services	Opt-in services - Procured – "Raw Data"					
Assessment Student Information Content Management Learning Management Educator Evaluation		ADE partnership with MCESA has funded early implementation of the first five systems				
Individual Education Plan Substitute Management						
Nutrition Mgmt. Transportation Mgmt.						
ADE Core Systems/Services	Benefits all LEAs - Integrates the services					
SIS-Link			Real-time student information			
School Finance			Auditable, extensible state aid calculations			
K-12 Educator Dashboards (Ed-Fi)	Vail SD pilot (SLDS Grant)	10 districts (SLDS Grant)		Statewide, P20		
Public SLDS Views			Post-secondary, parents, public			
Data Integration Services	Secure, real-time					
ADE System Rationalization and Streamlining		Reduce manual labor and LEA reporting burden				

Arizona
Department of Education

Performance Management Example

	FY13	FY14	FY15	FY16	FY17	FY18
Opt In Services						
Assessment Student Information Content Management Learning Management Educator Evaluation			Student Assessment Results Educator Observation and Evaluations Professional Development			
Individual Education Plan Substitute Management						
Nutrition Mgmt. Transportation Mgmt.						
ADE Core Systems/Services						
SIS-Link			Accurate class rosters			
School Finance			Performance payments to LEAs			
K-12 Educator Dashboards (Ed-Fi)		AIMS & PARCC		Benchmark scores and trends		
Public SLDS Views						
Data Integration Services		Share assessment, roster, educator, student data				
ADE System Rationalization and Streamlining		Streamlined data collection outside of SIS-Link				

Arizona
Department of Education

AELAS ADE Budget/Cash Flow
FY2014 – FY2020

Source of Funds							
Fiscal Year	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**	**FY20**
IT Operations (GSA, Indirect, Direct, Prop 301 Funding)	5.2	5.4	5.4	5.4	5.4	5.4	5.4
Strategic SLDS Fund	1.5	1.5					
Strategic AELAS Requested Budget (State)	23.8	11.0	4.6				
Funds Billed for AELAS Service Delivery & Development		4.9	31.1	41.8	49.9	46.6	44.0
Total	30.5	22.8	41.1	47.2	55.3	52.0	49.4

$39.4 M from State

Use of Funds							
Fiscal Year	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**	**FY20**
AELAS Investment to replace internal, core systems	24.4	13.9	30.2	34.6	40.5		
IT Operations – Existing Systems	6.1	7.5	8.5	8.5	8.5	8.5	6.0
IT Operations – Incremented as AELAS becomes Operational		1.4	2.4	4.1	6.3	5.1	5.1
Licensing and Infrastructure						38.4	38.3
Total	30.5	22.8	41.1	47.2	55.3	52.0	49.4

$143 M total cost

Number of Systems and LEAs							
Fiscal Year	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**	**FY20**
Number of Opt-In Systems available in AELAS	5	5	7	7	9	9	9
Number of LEAs Opting-In	20	110	314	555	600	600	600

Arizona
Department of Education

AELAS LEA Savings
FY2014 – FY2020

Number of Systems and LEAs							
Fiscal Year	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Number of Opt-In Systems available in AELAS	5	5	7	7	9	9	9
Number of LEAs Opting-In	20	110	314	555	600	600	600

Spend and Savings in $ Millions							
Fiscal Year	FY14	FY15	FY16	FY17	FY18	FY19	FY20
LEA total IT Spend Software and Hardware	281.0	281.0	281.0	281.0	281.0	281.0	281.0
Total LEA Savings by Opting-in to AELAS		33.9	66.0	65.8	89.9	142.4	155.0
LEA Fees for AELAS Services and Development		4.9	31.1	41.8	49.9	46.6	44.0
Net LEA Savings		29.0	34.9	24.0	33.0	95.8	111.0

Phased Adoption
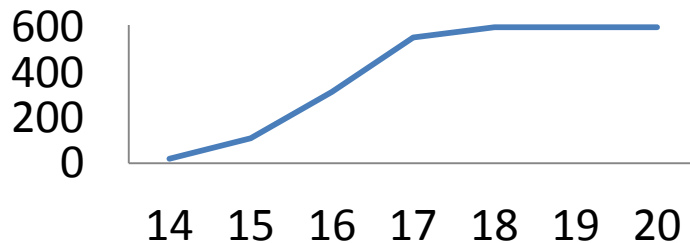
$217 M savings for LEAs during roll-out period

$111 M savings recurring

Arizona
Department of Education

Thank You

Contact

Mark T. Masterson

Chief Information Officer

(602) 542-0804

Mark.Masterson@AZED.gov